Date

11/12/2004

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| TRANSMITTAL  | Application Number Filing Date | 10/082   | 10/082,525  02/22/2002  RECEIV     |                      |  |   |         |               |  |
|--|--------------------------------|--|------------------------------------|----------------------|--|---|---------|---------------|--|
| FORM   | First Named Inventor           | Daniel   | Daniel Joseph Giambalvo CENTRAL FA |                      |  |   |         |               |  |
| (to be used for all correspondence efter italia  | Art Unit                       | 2177   |                                    | - NOV 4              |  |   | 1 2006  |               |  |
|  |                                | Examiner Name  | Choule                             | e, Jack h            | <b>4</b> .   | NOV   | 14      | 2004          |  |
| Total Number of Pages in This Submission   | 16                             | Attorney Docket Number   | DJGP                               | гот                  |  |   | ار      | <b>'</b><br>- |  |
|  | ENC                            | LOSURES (Check all )   | hat apply                          | )                    |  |   |         | ]             |  |
| Fee Transmittal Form  Fee Attached  Amendment/Reply  After Final  Affidavits/dectaration(s)  Extension of Time Request  Express Abandonment Request  Information Disclosure Statement  Certified Copy of Priority Document(s)  Response to Missing Parts/ Incomplete Application  Response to Missing Parts/ under 37 CFR 1.52 or 1.53 |                                | Drawing(s)  Licensing-related Papers  Petition  Petition to Convert to a  Provisional Application  Power of Attorney, Revocation  Change of Correspondence A  Terminal Disclatmer  Request for Refund  CD, Number of CD(s) | ddress                             |                      | After Allowance co to Tachnology Cen Appeal Communic of Appeals and Intra Appeal Communic (Appeal Notice, Brie Proprietary Informa Status Letter Other Enclosure(s) Identify below): | ster (TC) ation to Board erferences ation to TC f, Repty Brief) |         |               |  |
| SIGN   | ATURE                          | OF APPLICANT, ATTO   | RNEY, C                            | OR AG                | ENT  |   |         | 1             |  |
| Firm or IP Strategles Thomas M. Champagni Individual name  |                                |  |                                    |                      |  |   |         |               |  |
| Date 11/12/2004  |                                |  |                                    |                      |  |   |         | j             |  |
|  | CERTIF                         | CATE OF TRANSMISS  | ON/MA                              | ILING                | ···  |   |         | 7             |  |
| I hereby certify that this correspondence is sufficient postage as first class mail in an the date shown below.  Typed or printed name   | being fac<br>anvelope a        | simile transmitted to the USPT<br>addressed to: Commissioner for   | O or depor<br>Patents,             | sited wit<br>P.O. Bo | th the United States I<br>x 1450, Alexandria, \  | Postal Service wi<br>VA 22313-1450 o                            | th<br>n |               |  |

703 248 9244;

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| Under the Paper   | ook Reduction Act of 1996, no persons are req                                     | rired to         | respond                | U.S. P       | atent s       | and Transamort I                   | for use through 07/31/2008. O                        | こっついいほうりつこ                                       | -          |
|---|---|------------------|------------------------|--------------|---------------|------------------------------------|--|--|------------|
|   |   |                  |                        |              |               |                                    | If Known   |  |            |
| FEE   | TRANSMITTA  | \L               | Appl                   | cation       | Numb          | er 10/082                          | ,525   | CENTRA   | CEIVED     |
|   | for FY 2005   |                  | Filing                 | ) Date       |               | 02/22/                             | 2002   | OP1441DV   | FAX CENTER |
| Effortism 10/01   | 12004. Patent fees are subject to annual revisio                                  | _                | First                  | Named        | i Inve        | ntor Deniel                        | Joseph Glambalvo                                     | NO   | 1 2 2004   |
| -   |   | n.               | Exan                   | niner N      | ame           | Choule                             | s, Jack M.   |  | 1 2 2004   |
| Applicant clain   | ns small entity status. See 37 CFR 1.27   |                  | Art L                  | Init         |               | 2177                               |  |  |            |
| TOTAL AMOUN   | OF PAYMENT (\$) 55  |                  | Attor                  | ney Do       | cket N        | ID. DJGPT                          | 01   |  | ,          |
| METHOD O  | F PAYMENT (check all that apply)  |                  |                        |              | FE            | E CALCULA                          | TION (continued)                                     | -  |            |
| Check Cre   | dit card Money Other None   |                  | ADDIT                  |              |               |                                    |  |  | j ·        |
| Deposit Accoun  | :   | Fee              | e Entity               | ,            | Entity<br>Fee | _                                  |  |  | İ          |
| Deposit<br>Account 501                                    | 998   | Co               | de (\$)                | Code         | (4)           | F8 <b>e</b>                        | Description  | Fee Paid   |            |
| Number<br>Deposit 15 0                                    |   | 105              |                        | 2051         |               | <del>-</del>                       | o filing fee or outh                                 | $\vdash$   | ·          |
| Account IP S  | trategies   | 100              |                        | 2052         |               | cover sheet                        | provisional filing fee or                            | <b></b>  |            |
| The Director is autho                                     | rized to: (check all that apply)  | 103              | 3 130<br>2 2,620       | 1053<br>1812 |               | Non-English sp                     | ecification<br>ast for <i>an parte</i> reexamination | <del></del>                                      |            |
| Charge (se(s) indic                                       |   | 180              |                        | 1804         |               |                                    | lication of SIR prior to                             |  |            |
| = " '   | nal fee(s) or any underpayment of fee(s)<br>aled below, except for the filing fee | 1                |                        | l            |               | Examiner action                    | 1  | <u> </u>   |            |
| to the above-identified                                   |   | ] <sup>184</sup> | 1,840°                 | 1805         | 1,840*        | Examiner action                    | blication of SIR after<br>n                          | <u> </u>   |            |
|   | EE CALCULATION  | 125              |                        | 2251         | 55            |                                    | ply within first month                               | 55   |            |
| 1. BASIC FILING   |   | 120              |                        | 2252         | 215           |                                    | eply within second month                             |  |            |
| Large Entity Small E.<br>Foo Fee Fee F<br>Code (5) Code ( | ntity<br><u>se <u>Fee Description</u> Fee Pald</u>                                | 125              | 3 980<br>4 1.530       | 2253         | 490<br>765    |                                    | aply within third month<br>aply within fourth month  |  |            |
| P   | 5)<br>195 Utility filing fee  |                  | 5 2,080                | 2255         |               |                                    | eply within fifth month                              |  |            |
| 1002 350 2002   |   | 140              | 1 340                  | 2401         | 170           | Notice of Appe                     | el .   |  |            |
|   | 75 Plant filing fee   | 140              | 2 340                  | 2402         |               |                                    | support of an appeal                                 |  |            |
| 1004 790 2004 :   | 195 Reissue filing fee  | 140              | \$ 300                 | 2403         | 150           | Request for ora                    | l hearing  | <u>  </u>  |            |
| 1005 160 2005   | 80 Provisional filing fee   | 1                | 1 1,510                | 1            |               |                                    | ute a public use proceeding                          | <u> </u>   | <b> </b>   |
| 1   | SUBTOTAL (1) (\$)   | 145              |                        | 2452         |               | Petition to reviv                  |  | <b>├</b> ──                                      | ļ. · ·     |
| 2. EXTRA CLAIM  | FEES FOR UTILITY AND REISSUE  |                  | 3 1,330<br>1 1,370     | 2453<br>2601 |               | Petition to reviv                  | e - unintentional                                    | <del>  </del>                                    |            |
|   | Fee from Extra Claims below Fee Paid  |                  |                        | 2502         |               | Design issue fe                    |  |  |            |
| Total Claims<br>Independent                               | -20'' =   ×    -  | 150              | 3 660                  | 2503         | 330           | Plant issue fee                    |  |  |            |
| Cleims<br>Multiple Dependent                              | ┙╶ <sup>ӡ</sup> ҇҇ ╸  | 148              | 0 130                  | 1480         | 130           | Petitions to the                   | Commissioner   |  |            |
| Large Entity   Small                                      | Entitle   | 180              |                        | 1807         |               |                                    | under 37 CFR 1.17(q)                                 | <b>  </b>  |            |
| For Fee Fee   | Fee Description   | 180              |                        | 1806         |               |                                    | nformation Disclosure Strat<br>patent assignment per | ┝──┤┃  |            |
| Code (3)   Code   1202   16   220                         | o (\$)<br>2 9 Claims in excess of 20  | 802              |                        | 8021         |               | buobeuth (puee                     | number of properties)                                |  | · •        |
| 1201 88 220   | rt 44 Independent dalms in excess of 3  | 180              | 9 790                  | 2809         | 395           | Filing a submiss<br>(37 CFR 1.129) | sion ester final rejection<br>(a))                   | l. <b>II</b>                                     |            |
| 1203 300 220  | 3 150 Multiple dependent claim, if not paid                                       | 181              | U 790                  | 2810         | 395           | For each addition                  | onal invention to be                                 |  |            |
| 1204 88 220   | 44 ** Reissue independent claims<br>over original patent                          | 180              | 1 790                  | 2801         | 395           | examined (37 C                     | CFR 1.129(b))<br>ontinued Examination (RCE)          |  |            |
| 1205 18 220   | 5 9 ** Relasue claims in excess of 20   | 180              |                        | 1802         | 900           | •                                  | pedited examination                                  | <del>                                     </del> |            |
|   | and over original patent  |                  |                        |              |               | of a design upp                    |  |  |            |
|   | SUBTOTAL (2) (\$)   |                  | er fee (sp<br>duced by |              |               | e Paid a                           | UBTOTAL (3) (\$) 55                                  | <del></del>                                      |            |
|   | sly peld, if greater, For Reissues, see abuve                                     |                  | · · · · ·              |              |               |                                    |  |  | •          |
| Name (Print/Irea)   | Thomas M. Champers  | _                | Registra               | tion No.     | 20            | 70                                 | (Complete (Fapplicable))                             |  |            |
| Neme (Print/Type)   | Thomas M. Champagne   |                  | <i>(Анотен</i> )       |              | 36,4          | 7/B                                | Telephone 828-253-8600                               |  | 1          |

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PTO/88/17 (10-04)

| Under the  | e Papen            | vork Re       | duction Act of 19    | 35. по ретволя а <u>м</u>                  | j /equir       | red to                      | fésoon                      | U.5.<br>d to a co | Patent<br>Mectical |                  |                         |                                 | ough 07/31/2008. C<br>DEPARTMENT O<br>Mays a valid OMB |               |
|--|--------------------|---------------|----------------------|--|----------------|-----------------------------|-----------------------------|-------------------|--------------------|------------------|-------------------------|---------------------------------|--|---------------|
| FEE TRANSMITTA   |                    |               |                      |  |                |                             | Complete If Known           |                   |                    |                  |                         |                                 |  |               |
|  | L., L              |               | WHA                  | SIAIL L                                    | A              | L                           | App                         | lication          | Num                | ber              | 10/08                   | 82,525                          |  |               |
| for FY 2005  |                    |               |                      |  | Filing Date    |                             |                             |                   |                    | 02/22/2002       |                         |                                 |  |               |
| Effective 10/01/2004. Patent fees ere subject to ennual revision.  |                    |               |                      |  | م داهند م      | First Named Invento         |                             |                   |                    | entor            | Daniel Joseph Giambalvo |                                 |  |               |
|  |                    |               |                      |  | Examiner Name  |                             |                             |                   |                    | Choules, Jack M. |                         |                                 |  |               |
| The state of the s |                    |               |                      |  | Art Unit 21    |                             |                             |                   |                    | 2177             | 177                     |                                 |  |               |
| TOTAL AMOUNT OF PAYMENT (\$) 55  |                    |               |                      |  |                | Attorney Docket No. DJG     |                             |                   |                    |                  | DJGF                    | PT01 -                          |  |               |
| METHOD OF PAYMENT (check all that apply)   |                    |               |                      |  |                |                             | FEE CALCULATION (continued) |                   |                    |                  |                         |                                 |  |               |
| Check  | Cue                | dit card      | Monay Order          | Other N                                    | lone           | 3. ADDITIONAL FEES          |                             |                   |                    |                  |                         |                                 |  |               |
| Deposit  | Account            | :             | Ç1üBi                |  | ı              | Large Entity   Small Entity |                             |                   |                    |                  |                         |                                 |  |               |
| Deposit<br>Account   | 5018               | 208           |                      | ·  | 1              | Fee<br>Code                 | Foe<br>(\$)                 | Fee<br>Code       | Fee<br>(3)         |                  | Fee                     | B Description                   | on .   | Eoo Bald      |
| Number   | 2019               |               |                      |  | ! !            | 1051                        | 130                         | 2051              | 66                 | Surgh            | arge - la               | ate filing fee o                | r oath   | Fee Pald      |
| Deposit<br>Account   | IP St              | rategi        | es                   |  |                | 1052                        | 60                          | 2052              | 25                 |                  |                         | nte provisiona                  | i filing fee or  |               |
| Name<br>The Director is  | s author           | tzad to       | (check all that a    | noly)                                      | ' [            | 1053                        | 130                         | 1053              | 130                | Non-E            |                         | pedification                    | · · · · · · · · · · · · · · · · · · ·                  |               |
| Charge foe   |                    |               |                      | יגישא<br>Xt any overpayme                  | nla            | 1812                        | 2,520                       | 1812              |                    |                  |                         |                                 | arte reexamination                                     |               |
|  |                    |               | ) or eny underpay    |  | i              | 1804                        | 920                         | 1804              | 920                | Ruque            | aling pu<br>ner actio   | ublication of S                 | IR prior to  |               |
| Charge feet<br>to the above-id   |                    |               | w, except for the    | e filing fee                               |                | 1805                        | 1,840                       | 1805              | 1,840*             | Reque            |                         | ublication of S                 | SIR after  |               |
|  |                    |               | LCULATION            |  | $\neg$         | 1251                        | 110                         | 2261              | 55                 |                  |                         | reply within fi                 | rst month  | 55            |
| 1. BASIC FI  |                    |               |                      |  |                | 1252                        | 430                         | 2252              | 215                | Extens           | sion for                | reply within s                  | econd month  | 3             |
| Large Entity S   |                    |               |                      | <b>.</b>                                   |                | 1253                        | 980                         | 2253              | 490                | Extens           | zion for                | reply within t                  | hird month   |               |
|  | Fee Fo<br>Code (\$ |               | ee Description       | Fee Pa                                     | 10             | 1254                        | 1,530                       | 2254              | 765                | Extens           | sion for                | reply within fo                 | ourth month  |               |
| 1001 790   | 2001 3             | 95            | Utility filing fee   |  | ¬!             | 1255                        | 2,080                       | 2255              | 1,040              | Extent           | Hon for                 | reply within fo                 | fth month '  |               |
| l i  | 2002 1             |               | Design filing fee    |  | <b>-11</b>     | 1401                        | 340                         | 2401              | 170                | Notice           | of App                  | eal                             |  |               |
| 1  | 2003 2             | -             | Plant filing fee     |  | <b>]</b>       | 1402                        | 340                         | 2402              |                    | • -              |                         | n support of a                  | n appeal   |               |
|  |                    | 95            | Relsaus tiling fed   | <del></del>                                | 41             | 1403                        | 300                         | 2403              |                    |                  |                         | al hearing                      |  |               |
| 1005 160   | 2005               | 80            | Provisional filing   |  | =              | 1451<br>1452                | 1,510<br>110                | 1451<br>2452      |                    |                  |                         |                                 | use proceeding   |               |
|  |                    | SU            | BTOTAL (1)           | (\$)                                       |                |                             |                             |                   |                    |                  |                         | ve - unavoida                   | ,  |               |
| 2. EXTRA C   | LAIM               | FEES          |                      | AND REISS                                  | 1 1 <b>2</b> 1 |                             | 1,330<br>1,370              | 2453<br>2501      |                    |                  |                         | ve - unintenti                  |  | ·             |
|  |                    | . 6           | xt <u>ra Claim</u> s | Fee from<br>below Fee P                    |                | 1502                        | 490                         | 2502              |                    | Design           |                         | e (or reiseue)                  |  |               |
| Total Claims<br>Independent  |                    | -20**         | ╸┟══┤╳┟              |  | <b>_</b>       | 1503                        | 660                         | 2503              |                    | Plant k          |                         |                                 | ŀ  |               |
| Claims<br>Multiple Depen   |                    | - 3** :       | ⋾└──┘×└              |  | <b>_</b>       | 1460                        | 130                         | 1460              | 130                | Petition         | ns to the               | - Commission                    | ner  | <del></del> [ |
|  |                    |               | L                    |  | <b></b> -   ∙  | 1807                        | 50                          | 1807              | 50                 | Proces           | aing fee                | under 37 Cf                     | FR 1.17(q)   |               |
| Fee Fee  |                    | Entity<br>Foo | Fee Descript         | lon  | F              | 1806                        | 180                         | 1806              |                    |                  |                         |                                 | Nsclosure Stmt   |               |
| Code (\$)  | Code               | (\$)          |                      |  |                | 8021                        | 40                          | 8021              | 40                 | Record           | ing ead                 | h patent assig<br>s number of p | nment per  |               |
| 1202 18  | 2202               | _             | Claims in excess     |  |                | 1809                        | 790                         | 2809              | 395                | Filling a        | aubmis                  | sion after fin                  |  |               |
| 1201 88<br>1203 300  | 2201<br>2203       |               |                      | ims in excess of 3<br>ant claim, if not pa | [              |                             | . !                         |                   |                    | (37 CF           | R 1.129                 | (a))                            |  | []            |
| 1204 68  | 2203               |               | ** Reissue indep     | •  | ~ I `          | 1810                        | 790                         | 2810              |                    |                  |                         | lonal invention<br>CFR 1.129(b) |  |               |
| 1  |                    |               | over original p      | atent                                      |                | 1801                        | 79Q                         | 2801              |                    |                  |                         |                                 | mination (RCE)   |               |
| 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent  |                    |               |                      |  |                | 1802                        | 800                         | 1802              | 900                |                  |                         | xpedited exer                   | mination   |               |
| SUBTOTAL (2) (\$)  |                    |               |                      |  | <b>□!</b>      | Other (                     | lee (spa                    | city)_            |                    |                  | - '                     |                                 |  |               |
| or number previously paid, if greater; For Raissues, see above   |                    |               |                      |  | <u> </u>       | Redu                        | ced by                      | Basic Fl          | ling Fe            | e Paid           |                         | BUBTOTAL                        | (3) (\$) 55  |               |
| SUBMITTED BY   | Υ                  |               |                      |  |                |                             |                             |                   |                    |                  |                         | (Complete (                     | * applicable))   |               |
| Name (Print/Type)  | ,                  | Thoma         | as M. Champ          | agne                                       |                |                             | egistrati<br>Noman/A        |                   | 36,4               | 78               |                         |                                 | 828-253-8600   |               |
| Signature  |                    |               | 1/1/0                |  |                |                             |                             | Y/AI              |                    |                  |                         | Date                            | 11/12/2004   | <del></del>   |

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PAGE 3/15\* RCVD AT 11/12/2004 4:22:01 PM [Eastern Standard Time] SVR:USPTO-EFXRF-1/9\* DNIS:8729306\* CSID:703 248 9244\* DURATION (mm-ss):04-28

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| Application No. | Filing Date    | First Named Inventor    | Atty. Docket No. | Confirmation No. |  |  |
|-----------------|----------------|-------------------------|------------------|------------------|--|--|
| 10/082,525      | 02/22/2002     | Daniel Joseph Giambalvo | DJGPT01          | 5960             |  |  |
|                 | Inventi        | OII.                    | Examiner         | Art Unit         |  |  |
| Framework for   | Creating Searc | h Systems of Networked  | Choules, Jack M. | 2177             |  |  |

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Sent By: IP Strategies, P.C.;

In response to the Examiner's Action mailed July 15, 2004, please amend the application as follows: